Area: Sectors

Video 46 on www.corbettmaths.com

Examples

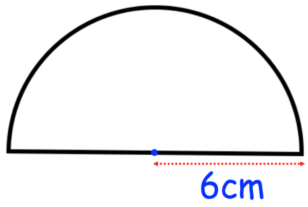
Workout

Click here

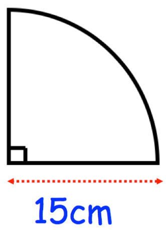
Scan here

Question 1: Calculate the area of each of the following sectors.
Give each answer to one decimal place and include units.

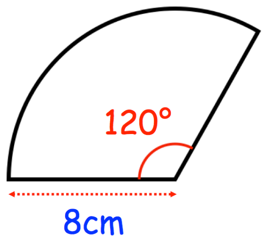
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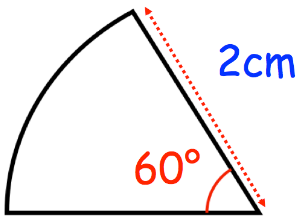
(b)



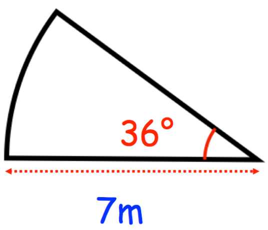
(c)



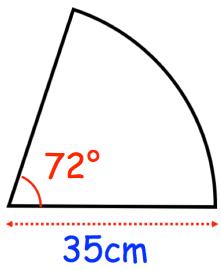
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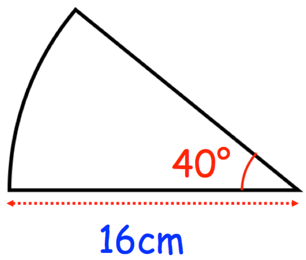
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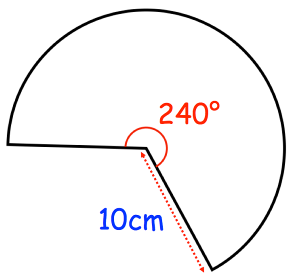
(f)



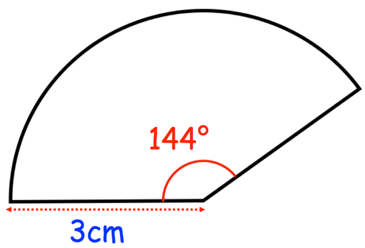
(g)



(h)

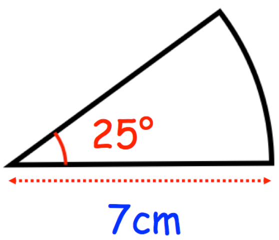


(i)

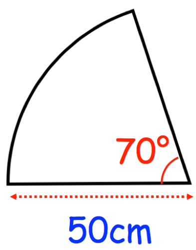


Question 2: Calculate the area of each of these sectors.
Give each answer to 2 decimal places and include suitable units.

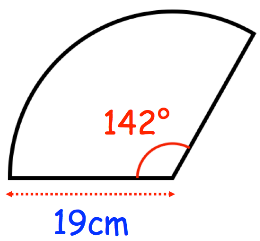
(a)



(b)



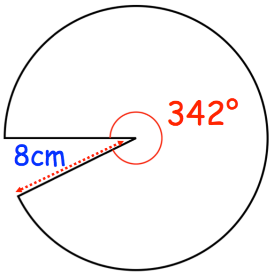
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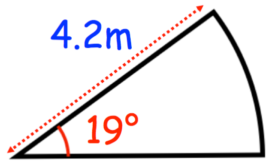
Area: Sectors

Video 46 on www.corbettmaths.com

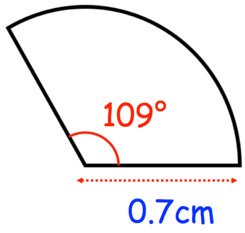
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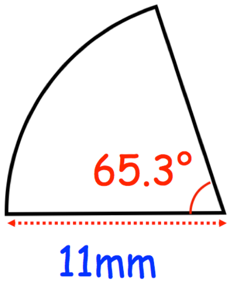
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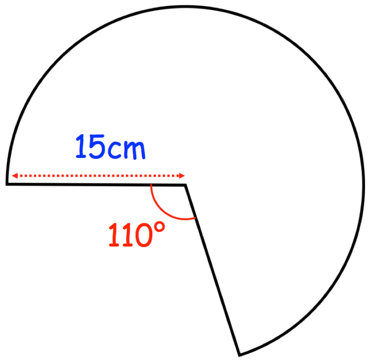
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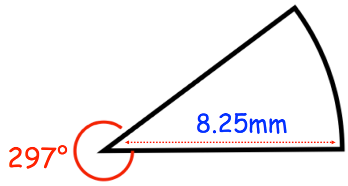
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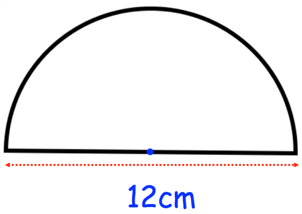


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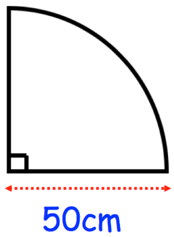


Question 3: Find the area of these sectors.
Leave your answer in terms of **π**

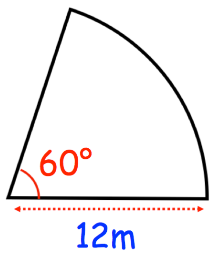
(a)



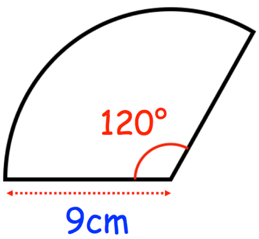
(b)



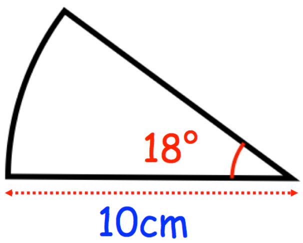
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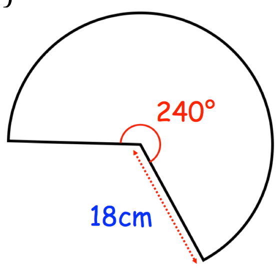
(d)



(e)



(f)

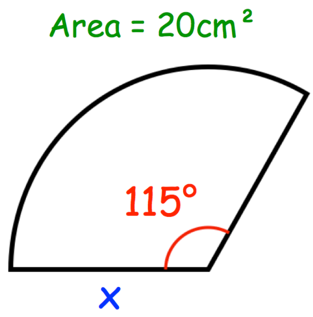


Area: Sectors

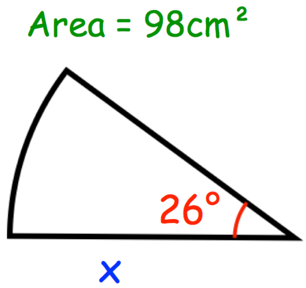
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Question 4: The areas of these sectors have been given.
Calculate x.

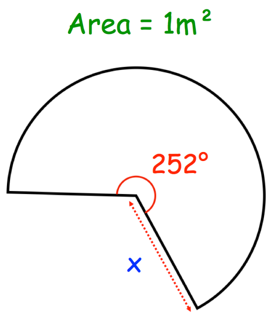
(a)



(b)

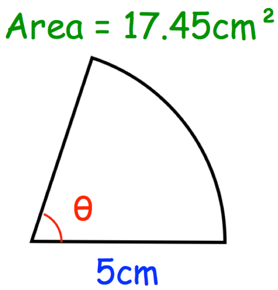


(c)

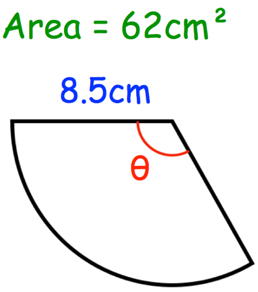


Question 5: The areas of these sectors have been given.
Calculate the missing angles.

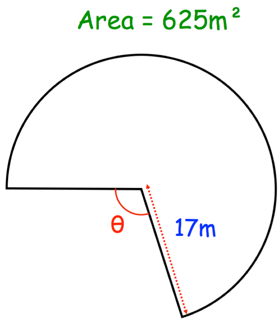
(a)



(b)

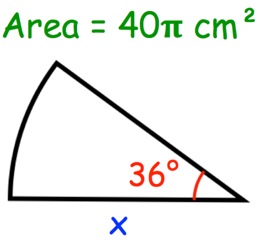


(c)

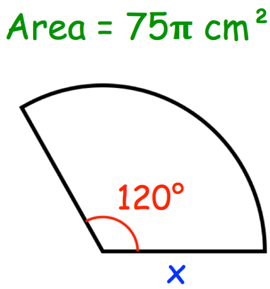


Question 6: The areas these sectors have been given in terms of **π**.
Work out x

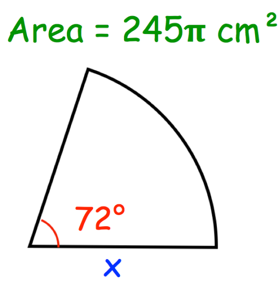
(a)



(b)

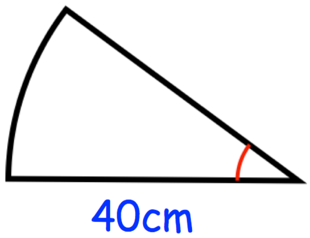


(c)



Apply

Question 1: The perimeter of the sector below is 103cm
Find the area of the sector

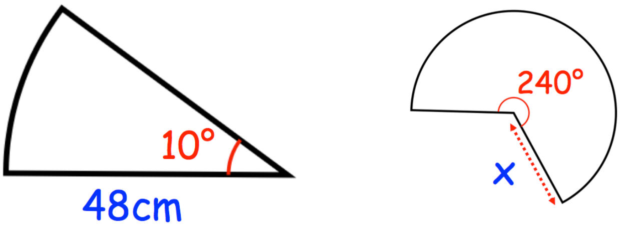


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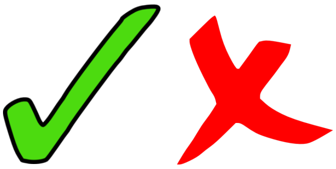
Area: Sectors

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Question 2: These two sectors have the same area.
James says x is 2cm.
Is he correct?



Answers



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